

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING

ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/561, 179
Source: IFWP
Date Processed by STIC: 01/03/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFWP

RAW SEQUENCE LISTING

DATE: 01/03/2006

PATENT APPLICATION: US/10/561,179

TIME: 11:37:09

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

3 <110> APPLICANT: Nuevolution A/S
 5 <120> TITLE OF INVENTION: Encoded molecules by translation (EMT)
 7 <130> FILE REFERENCE: P894PC00
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/561,179
 C--> 9 <141> CURRENT FILING DATE: 2005-12-16
 9 <160> NUMBER OF SEQ ID NOS: 10
 11 <170> SOFTWARE: PatentIn version 3.1
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 13
 15 <212> TYPE: PRT
 16 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: Synthetic construct
 21 <220> FEATURE:
 22 <221> NAME/KEY: MISC_FEATURE
 23 <222> LOCATION: (3)..(3)
 24 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 27 <220> FEATURE:
 28 <221> NAME/KEY: MISC_FEATURE
 29 <222> LOCATION: (8)..(8)
 30 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine.
 33 <220> FEATURE:
 34 <221> NAME/KEY: MISC_FEATURE
 35 <222> LOCATION: (11)..(11)
 36 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 39 <220> FEATURE:
 40 <221> NAME/KEY: MISC_FEATURE
 41 <222> LOCATION: (13)..(13)
 42 <223> OTHER INFORMATION: X represents any amino acid
 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (4)..(10)
 48 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be
 repeated n
 49 times in the structure.
 52 <220> FEATURE:
 53 <221> NAME/KEY: MISC_FEATURE
 54 <222> LOCATION: (6)..(6)
 55 <223> OTHER INFORMATION: X represents FE-unit
 58 <220> FEATURE:
 59 <221> NAME/KEY: MISC_FEATURE
 60 <222> LOCATION: (10)..(10)
 61 <223> OTHER INFORMATION: X represents FE-unit
 64 <220> FEATURE:

(pg-6)
Does Not Comply
Corrected Diskette Needed
(pg-1,2,3,4)
number of X's is 9
7 FYI: definite figure, insert Maximum
number of locations for X's
same as above
X's can only Represent a single Amino Acid, nothing else.

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65 <221> NAME/KEY: MISC_FEATURE
66 <222> LOCATION: (9)..(9)
67 <223> OTHER INFORMATION: X represents a polar residue
70 <400> SEQUENCE: 1
W--> 72 Met Cys Xaa Leu Lys Xaa Glu Xaa Xaa Xaa Xaa Cys Xaa
73 1 5 10
76 <210> SEQ ID NO: 2
77 <211> LENGTH: 13
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Synthetic construct
84 <220> FEATURE:
85 <221> NAME/KEY: MISC_FEATURE
86 <222> LOCATION: (3)..(3)
87 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues
90 <220> FEATURE:
91 <221> NAME/KEY: MISC_FEATURE
92 <222> LOCATION: (4)..(10)
93 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be
repeated n
94 times in the structure.
97 <220> FEATURE:
98 <221> NAME/KEY: MISC_FEATURE
99 <222> LOCATION: (11)..(11)
100 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues
103 <220> FEATURE:
104 <221> NAME/KEY: MISC_FEATURE
105 <222> LOCATION: (8)..(8)
106 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine.
109 <220> FEATURE:
110 <221> NAME/KEY: MISC_FEATURE
111 <222> LOCATION: (6)..(6)
112 <223> OTHER INFORMATION: X represents FE-unit
115 <220> FEATURE:
116 <221> NAME/KEY: MISC_FEATURE
117 <222> LOCATION: (10)..(10)
118 <223> OTHER INFORMATION: X represents FE-unit
121 <220> FEATURE:
122 <221> NAME/KEY: MISC_FEATURE
123 <222> LOCATION: (13)..(13)
124 <223> OTHER INFORMATION: X represents any amino acid
127 <220> FEATURE:
128 <221> NAME/KEY: MISC_FEATURE
129 <222> LOCATION: (9)..(9)
130 <223> OTHER INFORMATION: X represents a polar residue
133 <400> SEQUENCE: 2
W--> 135 Met Cys Xaa Leu Glu Xaa Lys Xaa Xaa Xaa Xaa Cys Xaa
136 1 5 10
139 <210> SEQ ID NO: 3

same as page 1

Same as above

same error

RAW SEQUENCE LISTING

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DATE: 01/03/2006

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Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

140 <211> LENGTH: 13
 141 <212> TYPE: PRT
 142 <213> ORGANISM: Artificial Sequence
 144 <220> FEATURE:
 145 <223> OTHER INFORMATION: Synthetic construct
 147 <220> FEATURE:
 148 <221> NAME/KEY: MISC_FEATURE
 149 <222> LOCATION: (3)..(3)
 150 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 153 <220> FEATURE:
 154 <221> NAME/KEY: MISC_FEATURE
 155 <222> LOCATION: (6)..(6)
 156 <223> OTHER INFORMATION: X represents FE-unit
 159 <220> FEATURE:
 160 <221> NAME/KEY: MISC_FEATURE
 161 <222> LOCATION: (8)..(8)
 162 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine
 165 <220> FEATURE:
 166 <221> NAME/KEY: MISC_FEATURE
 167 <222> LOCATION: (9)..(9)
 168 <223> OTHER INFORMATION: X represents FE-unit
 171 <220> FEATURE:
 172 <221> NAME/KEY: MISC_FEATURE
 173 <222> LOCATION: (10)..(10)
 174 <223> OTHER INFORMATION: X represents a polar residue
 177 <220> FEATURE:
 178 <221> NAME/KEY: MISC_FEATURE
 179 <222> LOCATION: (4)..(10)
 180 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be
 repeated n
 181 times in the structure.
 184 <220> FEATURE:
 185 <221> NAME/KEY: MISC_FEATURE
 186 <222> LOCATION: (11)..(11)
 187 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.
 190 <220> FEATURE:
 191 <221> NAME/KEY: MISC_FEATURE
 192 <222> LOCATION: (13)..(13)
 193 <223> OTHER INFORMATION: X represents any amino acid
 196 <400> SEQUENCE: 3
 W--> 198 Met Cys Xaa Leu Lys Xaa Glu Xaa Xaa Xaa Xaa Cys Xaa
 199 1 5 10
 202 <210> SEQ ID NO: 4
 203 <211> LENGTH: 13
 204 <212> TYPE: PRT
 205 <213> ORGANISM: Artificial Sequence
 207 <220> FEATURE:
 208 <223> OTHER INFORMATION: Synthetic construct
 210 <220> FEATURE:
 211 <221> NAME/KEY: MISC_FEATURE

same as page 1
same error
same as above

RAW SEQUENCE LISTING

DATE: 01/03/2006

PATENT APPLICATION: US/10/561,179

TIME: 11:37:09

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

212 <222> LOCATION: (13)..(13)

213 <223> OTHER INFORMATION: X represents any amino acid

216 <220> FEATURE:

217 <221> NAME/KEY: MISC_FEATURE

218 <222> LOCATION: (11)..(11)

219 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.

222 <220> FEATURE:

223 <221> NAME/KEY: MISC_FEATURE

224 <222> LOCATION: (10)..(10)

225 <223> OTHER INFORMATION: X represents a polar residue

228 <220> FEATURE:

229 <221> NAME/KEY: MISC_FEATURE

230 <222> LOCATION: (9)..(9)

231 <223> OTHER INFORMATION: X represents FE-unit

234 <220> FEATURE:

235 <221> NAME/KEY: MISC_FEATURE

236 <222> LOCATION: (6)..(6)

237 <223> OTHER INFORMATION: X represents FE-unit

240 <220> FEATURE:

241 <221> NAME/KEY: MISC_FEATURE

242 <222> LOCATION: (8)..(8)

243 <223> OTHER INFORMATION: X represents leucine, isoleucine or valine

246 <220> FEATURE:

247 <221> NAME/KEY: MISC_FEATURE

248 <222> LOCATION: (4)..(10)

249 <223> OTHER INFORMATION: the sequence motif consisting of residues 4-10 may be repeated n

250 times in the structure.

253 <220> FEATURE:

254 <221> NAME/KEY: MISC_FEATURE

255 <222> LOCATION: (3)..(3)

256 <223> OTHER INFORMATION: X represents Xn, i.e. n number of any amino acid residues.

259 <400> SEQUENCE: 4

W--> 261 Met Cys Xaa Leu Glu Xaa Lys Xaa Xaa Xaa Xaa Cys Xaa

262 1 5 10

265 <210> SEQ ID NO: 5

266 <211> LENGTH: 16

267 <212> TYPE: DNA

268 <213> ORGANISM: Artificial Sequence

270 <220> FEATURE:

271 <223> OTHER INFORMATION: Synthetic construct

273 <400> SEQUENCE: 5

274 tagtccgaat cccggg

277 <210> SEQ ID NO: 6

278 <211> LENGTH: 52

279 <212> TYPE: DNA

280 <213> ORGANISM: Artificial Sequence

282 <220> FEATURE:

283 <223> OTHER INFORMATION: Synthetic construct

285 <400> SEQUENCE: 6

*same as page 1**same error**same as above*

RAW SEQUENCE LISTING

DATE: 01/03/2006

PATENT APPLICATION: US/10/561,179

TIME: 11:37:09

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

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286 cccgggatacct gtaatacgac tcactatagg ctgatcgatt tcagtacgga gg          52
289 <210> SEQ ID NO: 7
290 <211> LENGTH: 15
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Synthetic construct
297 <400> SEQUENCE: 7
298 cccgggatttc ggact          15
301 <210> SEQ ID NO: 8
302 <211> LENGTH: 76
303 <212> TYPE: RNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Synthetic construct
309 <400> SEQUENCE: 8
310 gcggauuuag cucaguuggg agagcgccag acugaaaauc uggagguccu guguucgauc      60
312 cacagaauuc gcacca          76
315 <210> SEQ ID NO: 9
316 <211> LENGTH: 76
317 <212> TYPE: RNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Synthetic construct
323 <400> SEQUENCE: 9
324 gcggauuuag cucaguuggg agagcgccag acucuuaaau uggagguccu guguucgauc      60
326 cacagaauuc gcacca          76
329 <210> SEQ ID NO: 10
330 <211> LENGTH: 76
331 <212> TYPE: RNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Synthetic construct
337 <220> FEATURE:
338 <221> NAME/KEY: misc_feature
339 <222> LOCATION: (34)..(36)
340 <223> OTHER INFORMATION: variable sequence (i.e. anticodon)
343 <400> SEQUENCE: 10
W--> 344 gcggauuuag cucaguuggg agagcgccag acunnnaaau uggagguccu guguucgauc      60
346 cacagaauuc gcacca          76

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006
TIME: 11:37:10

Input Set : A:\SEQ LISTING.ST25.txt
Output Set: N:\CRF4\01032006\J561179.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 3, 6, 8, 9, 10, 11, 13

Seq#:2; Xaa Pos. 3, 6, 8, 9, 10, 11, 13

Seq#:3; Xaa Pos. 3, 6, 8, 9, 10, 11, 13

Seq#:4; Xaa Pos. 3, 6, 8, 9, 10, 11, 13

Seq#:10; N Pos. 34, 35, 36

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/561,179

DATE: 01/03/2006

TIME: 11:37:10

Input Set : A:\SEQ LISTING.ST25.txt

Output Set: N:\CRF4\01032006\J561179.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0